

VALVE BODY

VALVE BODY AND/OR SOLENOID VALVE

1. CLEAN TRANSMISSION EXTERIOR

To prevent contamination, clean the exterior of the transmission.

2. DRAIN TRANSMISSION FLUID

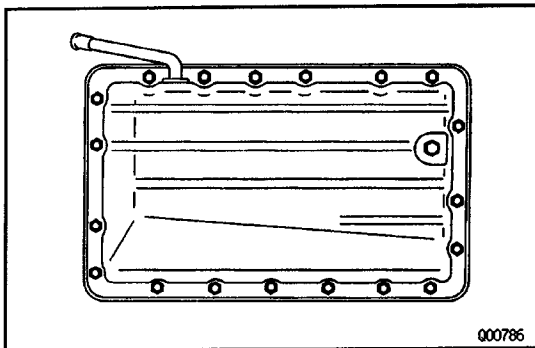
Remove the drain plug and drain the fluid into a suitable container.

3. REMOVE FRONT STABILIZER BAR

(See page [SA-122](#))

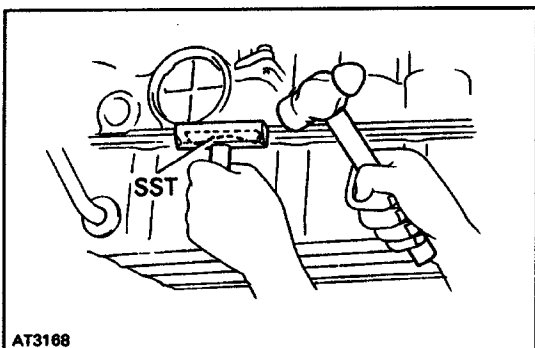
4. REMOVE FRONT PROPELLER SHAFT

(See page [PR-7](#))



5. REMOVE TRANSMISSION OIL PAN

(a) Remove the 19 bolts.

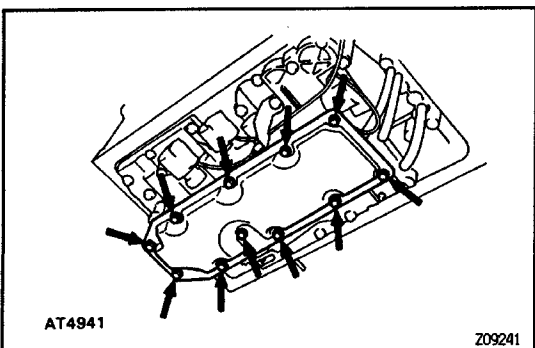


(b) Install the blade of SST between the transmission case and oil pan, cut off applied sealer.

SST 09032 – 00100

NOTICE: Be careful not to damage the oil pan flange.

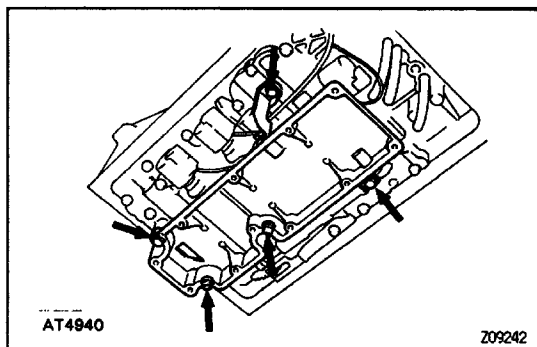
(c) Remove the pan by lifting the transmission case.



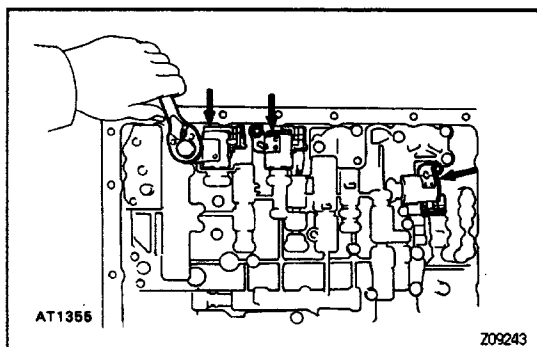
6. REMOVE OIL STRAINER AND GASKETS

(a) Remove the 11 bolts holding the oil strainer to the oil strainer case.

(b) Remove the oil strainer and gasket.

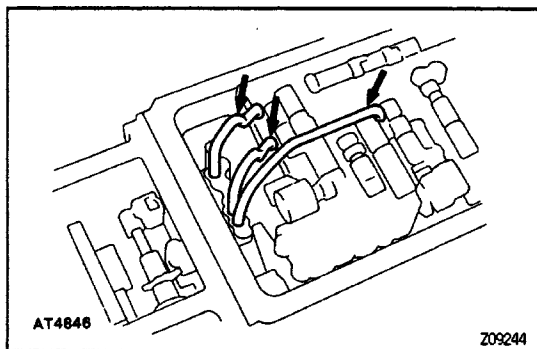


- (c) Remove the 5 bolts and oil strainer case.
- (d) Remove the 2 gaskets from the case.



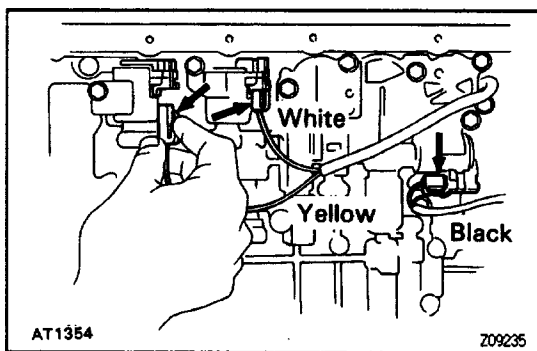
7. WHEN REPLACING SOLENOID

- (a) Disconnect the connectors from the solenoids.
- (b) Remove the solenoid mounting bolts.
- (c) Remove the solenoids.



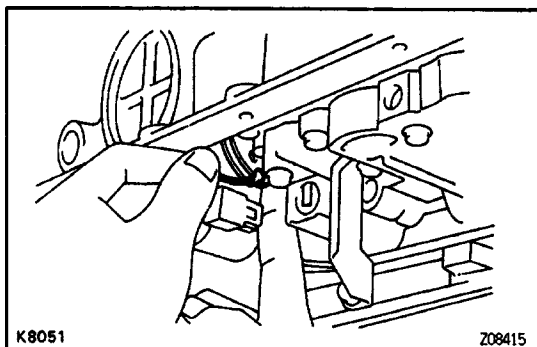
8. REMOVE OIL PIPES

Pry up both pipe ends with a large screwdriver and remove the 3 pipes.



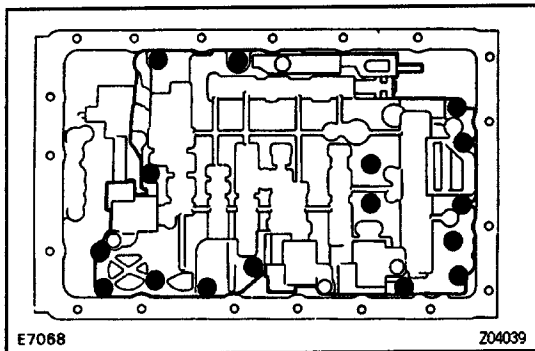
9. DISCONNECT SOLENOID CONNECTORS

Disconnect the 3 connectors from No.1, No.2 and lock – up solenoids.

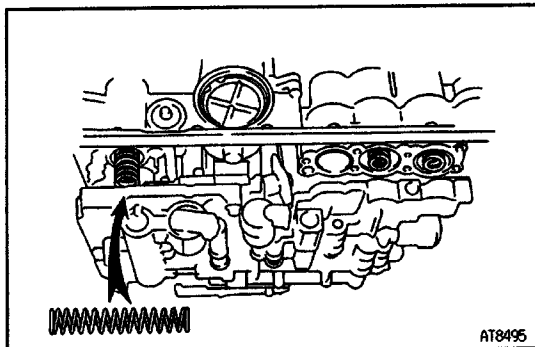


10. REMOVE VALVE BODY

- (a) Disconnect the throttle cable from the cam.



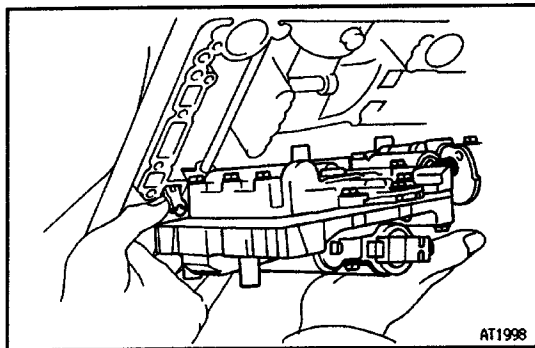
(b) Remove the 16 bolts.



(c) Remove the 2 Co accumulator piston springs.

(d) Remove the valve body.

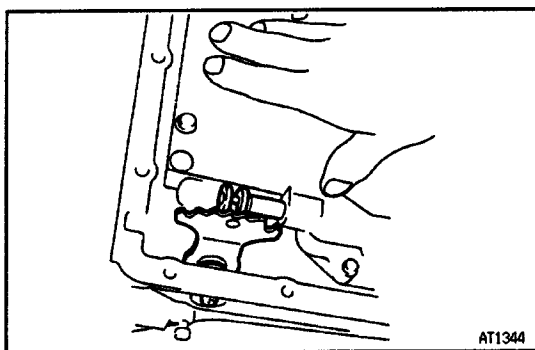
HINT: Be careful not to drop the check ball body and spring.



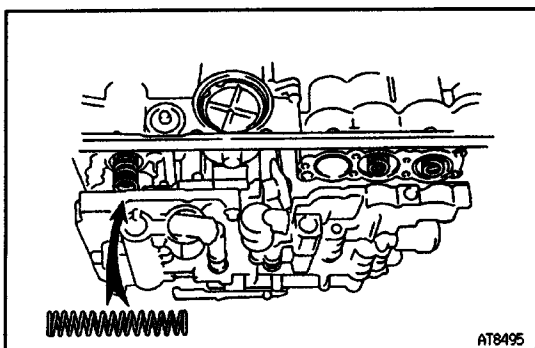
VALVE BODY AND/OR SOLENOID VALVE INSTALLATION

1. INSTALL VALVE BODY

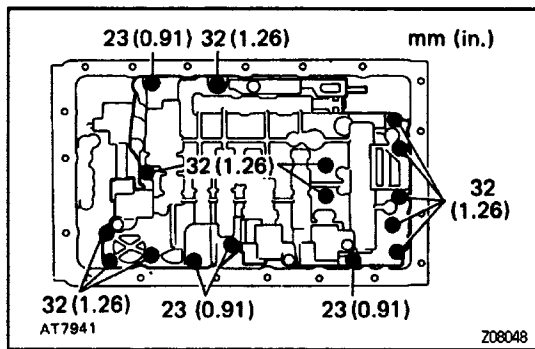
(a) Install the valve body together the check ball body and spring.



(b) Align the groove of the manual valve to the pin of the lever.

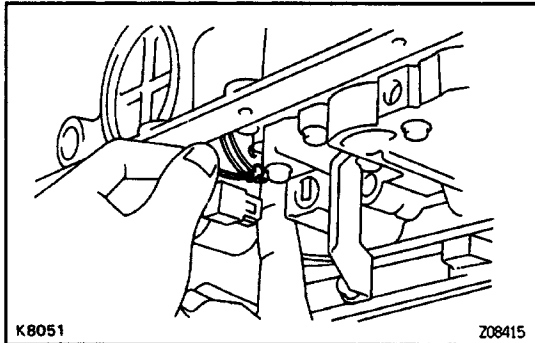


(c) Install the 2 Co accumulator piston springs.

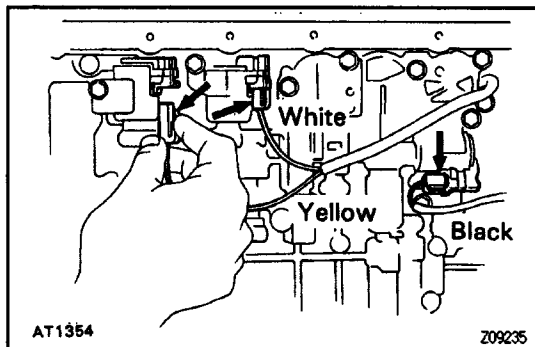


(d) Install the 16 bolts.

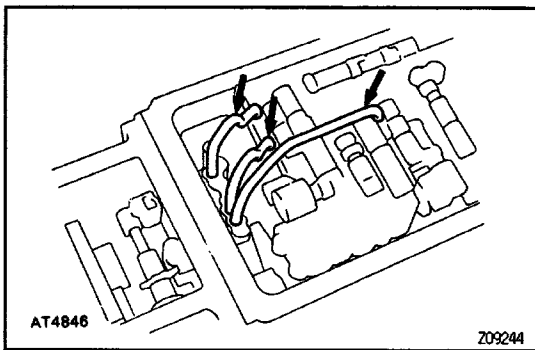
Torque: 10 N-m (100 kgf-cm, 7 ft-lbf)



(e) Connect the throttle cable to the cam.



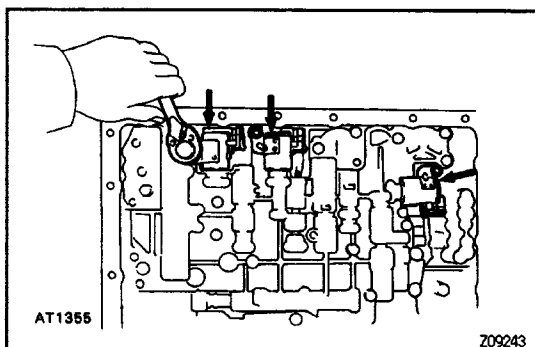
2. CONNECT CONNECTORS TO EACH SOLENOID



3. INSTALL OIL PIPES

Using a plastic hammer, install the 3 pipes into position, as shown.

NOTICE: Be careful not to bend or damaged the pipes.



4. WHEN REPLACING SOLENOID

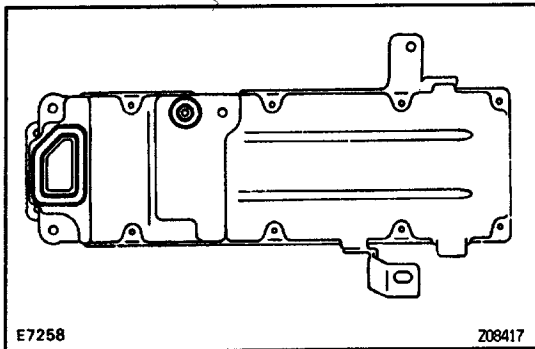
(a) Install a new O-ring to the solenoid.

(b) Install the solenoid and torque the bolt.

Torque: 10 N-m (100 kgf-cm, 7 ft-lbf)

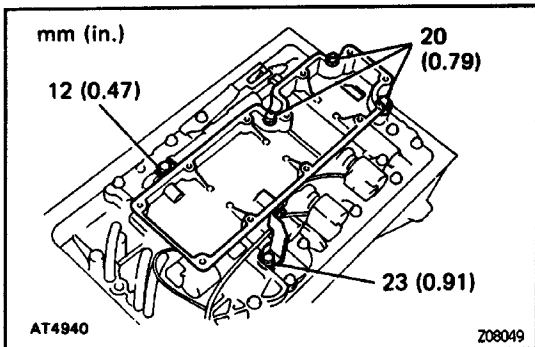
(c) Connect the connector to the solenoid.

(d) Clamp the solenoid wire.



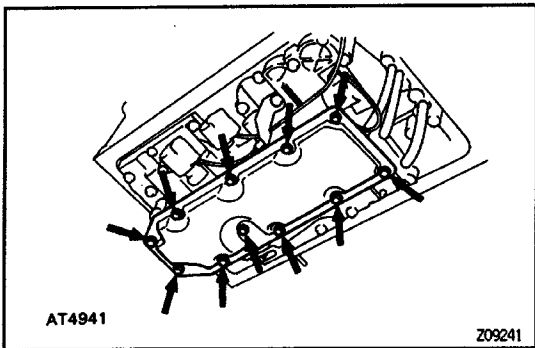
5. INSTALL OIL STRAINER AND GASKETS

(a) Install 2 new gaskets to the oil strainer case.



(b) Install the oil strainer case and torque the 5 bolts.

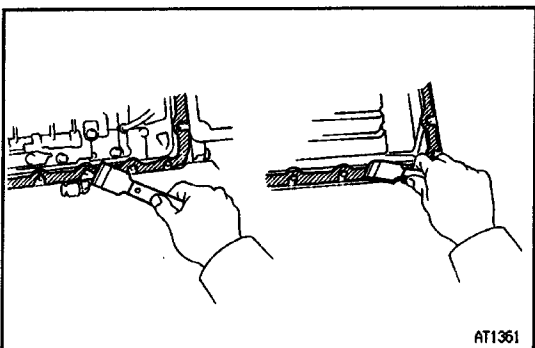
Torque: 10 N-m (100 kgf-cm, 7 ft-lbf)



(c) Install a new gasket to the oil strainer case.

(d) Install the oil strainer and torque the 11 bolts.

Torque: 6.9 N-m (70 kgf-cm, 61 in.-lbf)

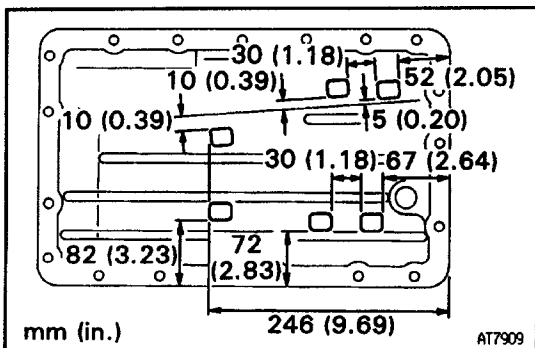


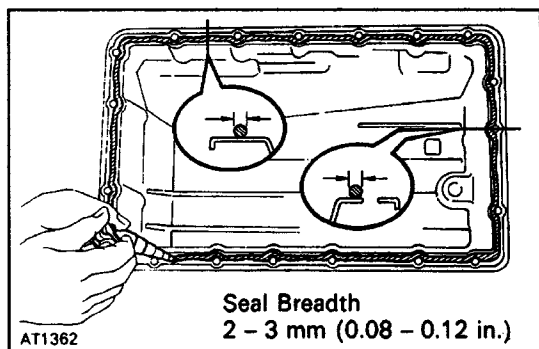
6. INSTALL OIL PAN

(a) Remove any packing material and be careful not to drop the oil on the contacting surfaces of the oil pan and transmission.

(b) Clean contacting surfaces of any residual packing material using gasoline or alcohol.

(c) Install the 6 magnets, as shown.

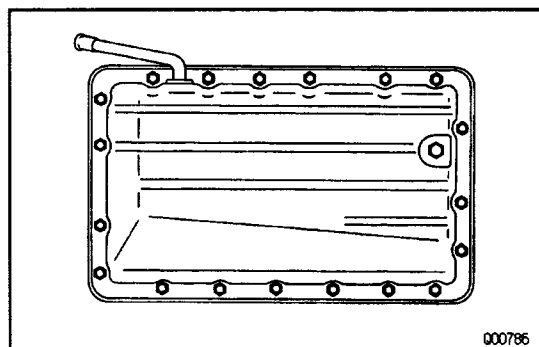




- (d) Apply FIPG to the oil pan, as shown in the illustration.

FIPG:

Part No. 08826-00090, THREE BOND 1281 or equivalent



- (e) Install and torque the 19 bolts.

Torque: 7.4 N-m (75 kgf-cm, 61 in.-lbf)

7. INSTALL OIL PAN DRAIN PLUG

Torque the drain plug.

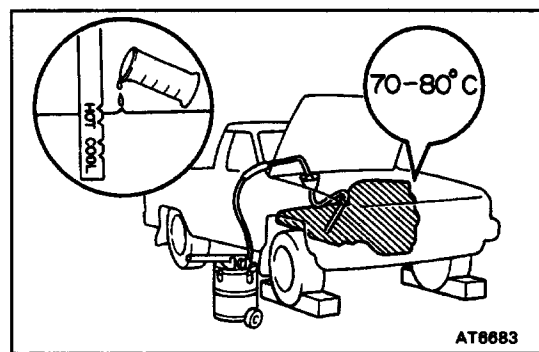
Torque: 20 N-m (205 kgf-cm, 15 ft-lbf)

8. INSTALL FRONT PROPELLER SHAFT

(See page [PR-16](#))

9. INSTALL FRONT STABILIZER BAR

(See page [SA-123](#))



10. FILL TRANSMISSION WITH ATF

(See page [AT2-24](#))

NOTICE: Do not overfill

Fluid type:

ATF DEXRON II

11. CHECK FLUID LEVEL